

```

; SOLAR/SOLSPEC
; UV Spectrum
; Version: 1
; Date: 2016-09-16
; Reference: Meftah M., Bolsée D. et al., 2016 (IASB & CNRS-LATMOS)
;
; Column definitions:
; 1st - Wavelength [nm]
; 2nd - Spectral Irradiance of the Sun [mW m^-2 nm^-1] from 165 to 400
nm.
;
165,857      0,599
166,233      0,581
166,608      0,549
166,984      0,528
167,359      0,465
167,734      0,514
168,109      0,525
168,484      0,574
168,858      0,616
169,233      0,702
169,607      0,74
169,981      0,774
170,355      0,798
170,729      0,789
171,103      0,818
171,476      0,83
171,85       0,832
172,223      0,853
172,596      0,818
172,969      0,82
173,342      0,878
173,714      0,909
174,087      0,951
174,459      1,01
174,831      1,047
175,203      1,145
175,575      1,17
175,947      1,21
176,318      1,284
176,69       1,386
177,061      1,428
177,432      1,508
177,803      1,535
178,173      1,52
178,544      1,696
178,914      1,641
179,285      1,663
179,655      1,73
180,025      1,845
180,395      1,909
180,764      2,037
181,134      2,173
181,503      2,261
181,872      2,301
182,241      2,343
182,61       2,293
182,979      2,285

```

183,348	2,296
183,716	2,231
184,084	2,193
184,452	2,095
184,82	2,142
185,188	2,188
185,556	2,303
185,923	2,473
186,291	2,66
186,658	2,74
187,025	2,873
187,392	2,983
187,758	3,047
188,125	3,109
188,491	3,282
188,857	3,329
189,224	3,414
189,589	3,419
189,955	3,554
190,321	3,67
190,686	3,812
191,052	3,924
191,417	4,149
191,782	4,166
192,147	4,237
192,511	4,092
192,876	3,834
193,24	3,755
193,604	3,937
193,968	4,535
194,332	4,88
194,696	5,155
195,06	5,45
195,423	5,492
195,786	5,597
196,15	5,841
196,513	5,953
196,875	6,159
197,238	6,255
197,601	6,121
197,963	6,164
198,325	6,264
198,687	6,147
199,049	6,423
199,411	6,565
199,772	6,758
200,134	6,909
200,495	7,132
200,856	7,615
201,217	7,723
201,578	7,799
201,939	7,954
202,299	8,1
202,659	8,169
203,02	8,462
203,38	8,929
203,74	9,379
204,099	9,651

204,459	9,751
204,818	10,196
205,177	10,45
205,537	10,189
205,895	10,414
206,254	10,649
206,613	10,967
206,971	11,434
207,33	12,065
207,688	12,579
208,046	13,45
208,404	14,521
208,761	16,096
209,119	18,226
209,476	20,644
209,834	23,266
210,191	25,272
210,548	27,025
210,904	29,346
211,261	31,294
211,617	31,991
211,974	31,937
212,33	31,91
212,686	30,396
213,042	29,755
213,397	31,406
213,753	33,39
214,108	35,766
214,463	37,616
214,818	37,616
215,173	36,335
215,528	34,85
215,883	33,138
216,237	31,971
216,591	31,16
216,946	31,196
217,299	34,488
217,653	37,727
218,007	40,545
218,36	43,42
218,714	45,575
219,067	46,259
219,42	46,649
219,773	48,363
220,126	49,12
220,478	47,339
220,831	44,101
221,183	41,272
221,535	40,507
221,887	41,139
222,239	45,192
222,59	50,064
222,942	54,262
223,293	58,708
223,644	60,904
223,995	61,263
224,346	58,98
224,697	55,683

225,048	54,019
225,398	50,357
225,748	46,485
226,098	42,056
226,448	37,879
226,798	34,329
227,148	33,629
227,497	35,963
227,846	40,246
228,195	44,061
228,544	46,545
228,893	47,055
229,242	44,662
229,591	43,188
229,939	44,704
230,287	45,541
230,635	46,172
230,983	47,182
231,331	46,656
231,678	45,684
232,026	47,081
232,373	47,179
232,72	46,073
233,067	44,082
233,414	40,594
233,761	38,061
234,107	35,676
234,454	35,141
234,8	37,739
235,146	40,501
235,492	44,115
235,838	45,454
236,183	44,383
236,529	43,191
236,874	43,417
237,219	43,781
237,564	42,64
237,909	40,457
238,253	38,215
238,598	37,473
238,942	38,625
239,286	40,236
239,63	40,084
239,974	38,002
240,318	36,797
240,662	36,766
241,005	38,016
241,348	42,228
241,691	49,27
242,034	57,292
242,377	62,599
242,72	64,741
243,062	64,413
243,404	62,258
243,747	60,565
244,089	59,129
244,43	57,125
244,772	54,411

245,114	49,613
245,455	46,467
245,796	45,168
246,137	45,466
246,478	46,156
246,819	48,001
247,16	50,407
247,5	51,609
247,84	49,567
248,181	46,203
248,521	43,703
248,86	41,791
249,2	43,544
249,54	49,189
249,879	54,964
250,218	56,715
250,557	54,874
250,896	50,929
251,235	46,859
251,573	42,971
251,912	38,629
252,25	37,231
252,588	37,782
252,926	39,788
253,264	42,668
253,602	46,342
253,939	49,48
254,277	51,87
254,614	55,068
254,951	59,862
255,288	65,93
255,624	73,886
255,961	79,803
256,297	87,014
256,634	94,349
256,97	105,232
257,306	113,687
257,642	117,444
257,977	118,198
258,313	118,723
258,648	116,944
258,983	112,572
259,318	104,909
259,653	96,427
259,988	86,326
260,322	79,657
260,657	79,617
260,991	78,133
261,325	79,881
261,659	84,373
261,993	91,94
262,326	98,175
262,66	98,893
262,993	103,355
263,326	124,006
263,659	163,071
263,992	205,728
264,325	230,178

264,657	233,984
264,99	227,793
265,322	228,852
265,654	237,988
265,986	243,034
266,318	238,147
266,649	231,847
266,981	231,603
267,312	234,407
267,643	236,856
267,974	234,994
268,305	232,435
268,636	232,674
268,966	229,507
269,297	227,379
269,627	231,269
269,957	241,787
270,287	252,846
270,616	257,143
270,946	251,09
271,275	236,991
271,605	212,379
271,934	189,886
272,263	180,617
272,592	190,125
272,92	206,46
273,249	207,954
273,577	188,891
273,905	160,349
274,233	136,89
274,561	129,725
274,889	134,376
275,216	149,335
275,544	173,97
275,871	200,941
276,198	225,442
276,525	238,941
276,852	246,952
277,179	245,685
277,505	232,58
277,831	210,076
278,158	181,381
278,484	158,748
278,809	136,648
279,135	110,741
279,461	86,011
279,786	71,505
280,111	71,024
280,436	85,003
280,761	111,498
281,086	148,563
281,411	189,079
281,735	226,385
282,059	257,847
282,384	276,734
282,708	294,397
283,031	306,654
283,355	309

283,679	304,639
284,002	294,066
284,325	263,623
284,648	218,024
284,971	163,512
285,294	136,983
285,616	162,033
285,939	223,041
286,261	283,383
286,583	319,981
286,905	340,212
287,227	348,05
287,549	334,821
287,87	300,181
288,192	284,971
288,513	308,893
288,834	353,363
289,155	396,957
289,475	442,101
289,796	492,966
290,116	546,323
290,437	573,936
290,757	576,66
291,077	567,718
291,397	555,821
291,716	543,513
292,036	524,794
292,355	500,449
292,674	489,369
292,993	500,75
293,312	513,012
293,631	509,5
293,949	492,328
294,268	487,963
294,586	485,486
294,904	487,935
295,222	501,939
295,54	524,518
295,857	542,201
296,175	535,238
296,492	493,135
296,809	441,995
297,126	443,126
297,443	488,306
297,76	519,187
298,076	492,302
298,393	439,522
298,709	428,883
299,025	464,549
299,341	485,192
299,657	467,911
299,972	429,029
300,288	396,152
300,603	402,313
300,918	430,602
301,233	459,611
301,548	452,223
301,863	418,657

302,177	415,268
302,492	465,414
302,806	541,064
303,12	607,579
303,434	623,87
303,748	599,245
304,061	583,641
304,375	579,7
304,688	596,51
305,001	621,033
305,314	612,437
305,627	567,15
305,939	549,206
306,252	539,353
306,564	552,868
306,876	580,174
307,188	600,808
307,5	619,688
307,812	623,848
308,124	628,104
308,435	626,125
308,746	605,675
309,057	552,326
309,368	512,84
309,679	480,267
309,99	482,944
310,3	547,232
310,61	642,743
310,921	721,065
311,231	753,544
311,541	726,554
311,85	671,96
312,16	640,507
312,469	636,576
312,778	643,695
313,087	658,184
313,396	675,946
313,705	698,203
314,014	691,284
314,322	650,239
314,631	627,903
314,939	644,596
315,247	666,057
315,555	623,59
315,862	566,928
316,17	539,636
316,477	592,323
316,784	667,594
317,091	748,593
317,398	790,203
317,705	737,015
318,012	668,032
318,318	630,149
318,624	645,055
318,93	671,971
319,236	677,292
319,542	674,052
319,848	732,872



320,153	790,364
320,459	820,567
320,764	797,904
321,069	721,823
321,374	674,804
321,679	685,815
321,983	723,647
322,288	723,985
322,592	684,011
322,896	635,446
323,2	632,407
323,504	646,485
323,807	690,104
324,111	743,844
324,414	771,529
324,717	773,209
325,02	793,983
325,323	830,073
325,626	900,62
325,929	959,877
326,231	973,656
326,533	976,791
326,835	961,741
327,137	962,805
327,439	944,016
327,741	939,08
328,042	900,976
328,343	900,134
328,645	886,482
328,946	928,108
329,246	999,703
329,547	1041,406
329,848	1073,258
330,148	1030,379
330,448	986,555
330,748	930,13
331,048	918,669
331,348	932,695
331,648	929,176
331,947	897,98
332,246	926,533
332,545	929,576
332,844	907,064
333,143	911,923
333,442	891,378
333,74	868,515
334,039	888,531
334,337	916,906
334,635	939,908
334,933	927,881
335,231	933,436
335,528	951,445
335,826	880,151
336,123	777,63
336,42	769,049
336,717	800,06
337,014	752,909
337,311	783,136

337,607	839,202
337,903	902,752
338,2	894,826
338,496	883,369
338,792	935,135
339,087	922,376
339,383	913,634
339,678	959,638
339,973	1025,538
340,269	1038,339
340,564	982,402
340,858	941,04
341,153	890,18
341,447	874,766
341,742	904,017
342,036	960,281
342,33	981,28
342,624	965,968
342,917	1003,732
343,211	1006,671
343,504	971,262
343,798	880,364
344,091	730,872
344,384	669,991
344,676	761,981
344,969	849,561
345,262	905,354
345,554	913,399
345,846	870,241
346,138	860,401
346,43	886,47
346,721	896,511
347,013	939,945
347,304	894,458
347,596	816,531
347,887	825,086
348,178	894,675
348,468	895,904
348,759	888,494
349,049	877,896
349,34	836,923
349,63	894,882
349,92	977,397
350,21	1057,687
350,499	1085,598
350,789	980,583
351,078	952,896
351,367	882,7
351,656	917,771
351,945	964,146
352,234	876,652
352,523	809,977
352,811	875,01
353,099	996,755
353,387	1055,727
353,675	1076,958
353,963	1127,047
354,251	1143,025

354,538	1116,11
354,826	1088,138
355,113	1114,213
355,4	1021,51
355,687	1064,785
355,973	1060,818
356,26	1006,61
356,5	931,963
357,578	832,407
358,656	772,831
359,733	926,022
360,81	984,591
361,887	905,48
362,964	966,117
364,04	1023,196
365,116	1050,862
366,191	1152,841
367,266	1201,418
368,341	1116,841
369,416	1160,355
370,49	1166,743
371,563	1137,563
372,637	1122,315
373,71	992,108
374,782	914,084
375,855	1032,612
376,927	1160,287
377,998	1303,037
379,069	1286,101
380,14	1158,626
381,211	1184,126
382,281	1014,179
383,351	780,206
384,42	879,851
385,49	1033,839
386,558	1047,708
387,627	1055,989
388,695	1045,526
389,763	1182,325
390,83	1330,439
391,897	1313,691
392,964	983,109
394,03	789,572
395,096	1131,682
396,162	1195,201
397,227	923,357
398,292	1238,139
399,357	1635,823
400,421	1718,332